

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS

1. (Currently amended) A system, comprising:
a hand operable processing device operable to process at least one component;
a light emitting element operably producing a light beam, the light emitting element connectable to the processing device;
a reference position of the light emitting element from which the light emitting element is alignable to operably direct the light beam towards a reference point on the at least one component; and
at least one connecting element connectable to the at least one component at the reference point wherein the connecting element comprises at least one of a rivet, a punch rivet, a blind rivet, a weld stud and a clip.
2. (Previously presented) The system of Claim 1, wherein the light beam comprises a laser beam.
3. (Cancelled)
4. (Previously presented) The system of Claim 1, comprising an envelope of the processing device, wherein the reference position is locatable outside of the envelope.

5. (Currently amended) The system of Claim [[4]] 1, comprising a machining space of the processing device, wherein the reference position is locatable outside of the machining space.

6. (Previously presented) The system of Claim 5, wherein the reference position is bridged by a machining vertical line.

7. (Previously presented) The system of Claim 6, comprising:
a device support having a center;
wherein the reference point is locatable on the machining vertical line and the machining vertical line is extendable through the center of the device support.

8. (Previously presented) The system of Claim 7, wherein the reference point is arranged at a distance from the device support.

9. (Previously presented) The system of Claim 8, wherein the distance comprises an adjustable distance increasable by a total material thickness of the at least one component.

10. (Previously presented) The system of Claim 1, wherein the light beam is directable onto the reference point from outside of the processing device at an oblique orientation.

11. (Previously presented) The system of Claim 1, comprising a variably projectable light beam.

12. (Currently amended) The system of Claim 11, wherein the variably projectable light beam is operably projected onto the component as one of a point and a diameter of the connecting element.

13. (Previously presented) The system of Claim 1, comprising a variably focusable light beam.

14. (Previously presented) The system of Claim 13, wherein the variably focusable light beam is operably focused onto the component as one of a point and a diameter of the connecting element.

15. (Currently amended) A ~~positioning~~ connecting apparatus comprising:

a ~~processing~~ connecting device operable to ~~process~~ connect at least one connecting element to at least one component;

a light emitting element operably producing a light beam, the light emitting element ~~connectable~~ attachable to the ~~processing~~ connecting device;

a reference position of the light emitting element from which the light emitting element is alignable to operably direct the light beam towards a reference point~~[[:]]~~ and the at least one connecting element connectable to the at least one component at the reference point;

a variably projectable light beam; and

a template, wherein the variably projectable light beam is in operable cooperation with the template such that a device-related interference contour is projectable onto the at least one component; and wherein the at least one connecting element comprises at least one of a rivet, a punch rivet, a blind rivet, a rivet nut, a weld nut, a weld stud, and a clip.

16. (Currently amended) The ~~positioning~~ connecting apparatus of Claim 15, wherein the device-related interference contour includes one of a diameter of a mouthpiece, a device support diameter, and one of a plurality of geometric shapes including a square, a triangle and an ellipse.

17. (Currently amended) A ~~positioning~~ riveting apparatus comprising:
a ~~processing~~ riveting device operable to process at least one component;
a light emitting element operably producing a light beam, the light emitting element connectable to the ~~processing~~ riveting device;
a reference position of the light emitting element from which the light emitting element is alignable to operably direct the light beam towards a reference point;
at least one connecting element connectable to the at least one component at the reference point;
a variably focusable light beam; and
a template, wherein the variably focusable light beam is in operable cooperation with the template such that a device-related interference contour is focusable onto the component.

18. (Currently amended) The ~~positioning~~ riveting apparatus of Claim 17, wherein the device-related interference contour includes one of a diameter of a mouthpiece, a device support diameter, and one of a plurality of geometric shapes including a square, a triangle and an ellipse.

19 - 21. (Cancelled).

22. (Currently amended) A method for ~~positioning~~ riveting a connecting element to a component ~~in an apparatus for processing the component~~, the method comprising:

producing a single light beam with a light beam emitter connected to a riveting device;

positioning the light beam emitter at a reference position to operably direct the single light beam towards a reference point;

placing a mark on an uppermost one of ~~[[a]]~~ the component to be ~~processed~~ riveted ;

congruently positioning one of the mark and the single light beam above the other;

aligning ~~[[a]]~~ the connecting element with the component at the reference point;
and

shaping the mark to match a shape of the connecting element; and
employing the riveting device to driving drive the connecting element into permanent engagement with the component.

23 - 27. (Cancelled).

28. (Currently amended) A method for ~~positioning~~ connecting a connecting element to at least one component ~~in a system for processing the component~~, the method comprising:

producing a single light beam with a light beam emitter, the light beam emitter being integrated to a connecting device;

positioning the light beam emitter at a reference position to operably direct the light beam towards a reference point;

aligning ~~[[a]]~~ the connecting element taken from the group including a rivet, a punch rivet, a blind rivet, a rivet nut, a weld nut, a weld stud and a clip with the reference point;

placing a mark on an uppermost one of the at least one components;

congruently positioning one of the mark and the single light beam above the other; ~~and~~

employing the connecting device to ~~connecting~~ connect both the connecting element and the at least one component; and

joining the connecting element together with the at least one component.

29. (Cancelled)

30. (Original) The method of Claim 28, comprising adjusting a height of the light beam to correspond to a total thickness of the at least one component.

31. (Previously presented) The system of Claim 1, wherein the connecting element is a rivet.

32. (Previously presented) The system of Claim 1, wherein the at least one component of the positioning system is at least one part of an automotive vehicle.

33. (Cancelled)

34. (Currently amended) The ~~positioning~~ connecting apparatus of Claim 15, wherein the at least one connecting element is a rivet.

35. (Currently amended) The ~~positioning~~ connecting apparatus of Claim 15, wherein the at least one component is at least one part of an automotive vehicle.

36. (Currently amended) The ~~positioning~~ riveting apparatus of Claim 17, wherein the connecting element comprises at least one of a rivet, a punch rivet, a blind rivet, a rivet nut, a weld nut, a weld stud and a clip.

37. (Currently amended) The ~~positioning~~ riveting apparatus of Claim 17, wherein the at least one connecting element is a rivet.

38. (Currently amended) The ~~positioning~~ riveting apparatus of Claim 17, wherein the at least one component is at least one part of an automotive vehicle.